

BRIDGE

FAQ

A

Can I add BRIDGE to any fixture?

BRIDGE is not sold separately, nor is it available for other manufacturers. BRIDGE is installed in Aimlite fixture and the resulting product has been tested to CSA C22.2 No. 250.13-17 (LED luminaire) as well as CSA C22.2 No. 141-15 (emergency) & ICES-005

B

When would you recommend a 12V and a 24V battery. What are the advantages of one over the other if there is no voltage drop.

The deciding factor would be the rest of the building needs, as you can use the same battery for BRIDGE fixtures, signs, and remotes. As discussed, there is technically a voltage drop, which is offset by the unit consuming a bit more (11W may become 11.5W)

C

What is the temperature rating of the BRIDGE

When we add the BRIDGE into a luminaire, CSA certification is accepted for that luminaire's temperature rating. Therefore, if a VT4 is -40 to +40C, when we add the BRIDGE and it's certified by CSA, that temperature rating remains -40 to +40C

D

Can't I just use an inverter?

Inverters cost much more than BRIDGE enabled Aimlite luminaires. Depending on the size of the job (wattage capacity) and space, one solution may be more advantageous over the other

E

What about DLC fixtures?

DLC fixtures with a self-contained unit should be tested to DLC again, as the unit may no longer pass DLC requirements.

F

How do I install units with 2 BRIDGE

Whether it's a unit with 1 BRIDGE or 2 BRIDGE, the installation for a contractor is the same

G

Why is a self-contained battery unit illegal in Canada?

The self-contained unit isn't illegal on its own. However, if self-contained emergency lighting units are used, they shall conform to CSA C22.2 No. 141. "Emergency Lighting Equipment"

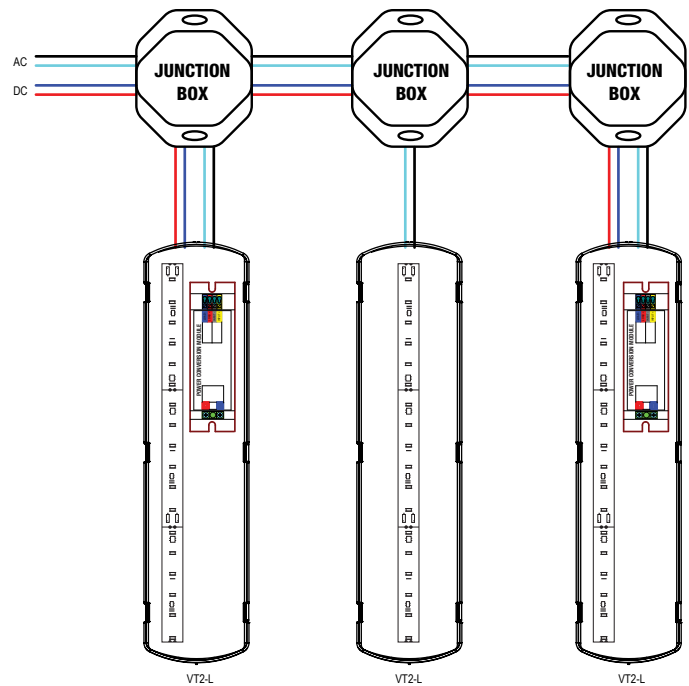
H

Are BRIDGE fixtures compatible with zone sensing panels

Yes, you can combine multiple lighting circuits equipped with BRIDGE fixtures to Aimlite's zone sensing panel, the SLZC2. This will allow 1 battery to provide emergency power to up to 6 lighting circuits. (Zone sensing is mandatory in Alberta and Manitoba)

I

How do I wire my AC and DC to the same junction box with no mechanical separation?



J

How do I size my battery for BRIDGE units

Calculate your load as you normally would for Emergency (Remotes + Running man signs + BRIDGE fixtures). For every BRIDGE, calculate 11W of load (note certain fixtures have 2 BRIDGE, therefore will consume 22W in 30min)

K

Are we making more fixtures BRIDGE compatible?

New products are coming this year. If there's any interest into products that aren't offered with BRIDGE yet, contact your sales rep.

L

What about ICES-005?

Fixtures that have passed ICES-005 without a self-contained emergency unit should be tested again to that norm.